

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (original) In a gas flow catalyst bed reactor assembly comprising an outer reaction vessel, an inner displacement cylinder, and an annular catalyst bed surrounding the displacement cylinder having a top half and a bottom half, the improvement comprising adding at least one baffle to the top half of the displacement cylinder to improve uniformity of fluid flow in the reaction vessel and across the catalyst bed.
2. (original) The assembly of claim 1 wherein at least three baffles are added to the displacement cylinder.
3. (original) The assembly of claim 1 wherein the annular catalyst bed is positioned at a distance from the displacement cylinder and wherein the at least one baffle extends into the reaction vessel for a distance limited by half distance from the displacement cylinder to the catalyst bed.
- 4-8 (cancelled).